

120203
12281 U.S. PTO

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Patent, Trademark and Copyright Causes
Unfair Competition, Trade Secrets,
Licensing and Litigation

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* Practice limited to Matters and Proceedings
before Federal Courts and Agencies; not
Admitted in DC

** Registered Patent Agent: not Admitted in DC

FORM PTO-1082

TRANSMITTAL FOR NEW U.S. PATENT APPLICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: New U.S. Patent Application
For: BALL GRID ARRAY PACKAGE WITH HEAT SINK DEVICE
Inventor(s): Chung-Ju WU et al.
Attorney Docket: 82547

Sir:

Attached hereto is the application identified above, including:

25 Pages Application Consisting of:
14 Pages of Textual Specification
6 Pages of 20 Claims
1 Abstract of the Disclosure
4 Sheets of drawings.

☒ Executed Inventor's Declaration

The Government filing fee* is calculated as follows:

Total Claims	20. - .20 = .0.	.x. \$18.00 = \$.0.00
Independent Claims	3 - 3 = 0	x \$86.00 = \$	0.00
Base Fee			\$770.00
Multiple Dependent Claim Fee (\$290.00)			\$ 0.00
Subtotal			\$770.00

TOTAL FILING FEE*

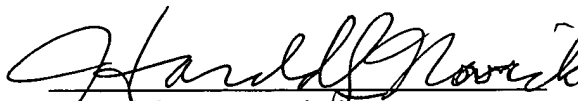
(accounting for possible small entity status) . . . **\$ 770.00**

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120203

- ☐ Preliminary Amendment reducing filing fees is submitted herewith
- ☐ *Reduced by one-half, as applicant(s) is/are a "small entity".
A Declaration Claiming Small Entity Status:
- ☐ Foreign priority is claimed under 35 U.S.C. § 119 from _____
Patent Application(s) No. _____ dated _____.
- ☐ Priority document(s) will be submitted at a later date.
- ☐ A copy of the Priority document(s) is/are submitted herewith.
- ☐ Executed Declaration(s) will be submitted at a later date pursuant to 37 CFR § 1.41 and § 1.53, with an appropriate surcharge under 37 CFR § 1.16(e).
- ☒ Formal drawing(s) is/are attached.
- ☐ Formal drawing(s) will be submitted at a later date.
- ☒ Assignment document(s) is/are submitted herewith; the recordation fee of \$40.00 per document is enclosed herewith.
- ☐ A Verified Translation will be submitted at a later date.
- ☐ No payment is enclosed at this time. Full payment will be made when the executed Declaration is submitted.
- ☒ Submitted herewith is a check in the amount of \$ 770.00. The Commissioner is hereby authorized to charge any deficiency or credit any excess to Deposit Account No. 14-0112.

Respectfully submitted,

NATH & ASSOCIATES PLLC



Harold L. Novick
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Date : December 2, 2003 Customer No. 20,529

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Chung-Ju WU et al.

Serial No. Not Yet Assigned

Filed: December 2, 2003

For: **BALL GRID ARRAY PACKAGE WITH HEAT SINK DEVICE**

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith for filing in the U.S. Patent and Trademark Office is the following:

- (1) Transmittal Letter;
- (2) Transmittal For New U.S. Patent Application
PTO form 1082-
25 Pages Application Consisting of:
14 Pages of Textual Specification
6 Pages of 20 Claims
1 Abstract of the Disclosure
4 Sheets of drawings.
- (3) Executed Inventor's Declaration;
- (4) Assignment and Cover Sheet;
- (5) Check No. 19880 in the Amount of \$770.00;
- (6) Check No. 19881 in the Amount of \$ 40.00; and
- (7) Early Notification Serial Number Postcard.

Please charge any required fee, or credit any overpayment, in connection with this matter to Deposit Account No. 14-0112.

Respectfully submitted,

NATH & ASSOCIATES PLLC



Harold L. Novick
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Customer No. 20529

Date: December 2, 2003

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